




UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD980738546		2. Page 1 of 1	3. Emergency Response Phone 1-800-424-9300		4. Manifest Tracking Number 000369829 JJK		
		5. Generator's Name and Mailing Address ALASKAN COPPER WORKS P. O. Box 3548, SEATTLE, WA 98124-3548 206-382-8379 Generator's Phone: _____							
6. Transporter 1 Company Name SLT		U.S. EPA ID Number UTR 000007708							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address World Resources Company 8113 W. Sherman St. Tolleson, AZ 85353-4025 Facility's Phone: 800-972-1965		U.S. EPA ID Number AZD980735500							
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		RQ, Hazardous waste, solid, n.o.s., (F006), 9, NA3077, III			No.	Type			
14. Special Handling Instructions and Additional Information P.O. #m 01645 Use CHEMTREC company code "WRR". Wear gloves and goggles.									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name GERALD A. THOMPSON					Signature 		Month Day Year 12 12 07		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____									
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name Lester Walker					Signature 		Month Day Year 12 12 07	
	Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
	Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. H120 H039		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name DANNY RODRIGUEZ					Signature 		Month Day Year 12 18 07		

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAD980738546	2. Page 1 of 1	3. Emergency Response Phone 1-800-424-9300	4. Manifest Tracking Number 000369829 JJK			
	5. Generator's Name and Mailing Address ALASKAN COPPER WORKS P. O. Box 3546, SEATTLE, WA 98124-3546 Generator's Phone: 206-382-8379			Generator's Site Address (if different than mailing address)			
	6. Transporter 1 Company Name SLT			U.S. EPA ID Number UTK 00007708			
	7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address World Resources Company 8113 W. Sherman St. Tolleson, AZ 85353-4025 Facility's Phone: 800-972-1956			U.S. EPA ID Number AZD980735500				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	RQ, Hazardous waste, solid, n.o.s., (F006), 9, NA3077, III	002 CF 2704		P		F006	
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information P.O. # M01645 Use CHEMTREC company code "WOPR". Wear gloves and goggles.							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name GERALD A. THOMPSON		Signature <i>[Signature]</i>		Month 12	Day 12	Year 99	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Leah Walker		Signature <i>[Signature]</i>		Month 12	Day 12	Year 99	
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H120		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name		Signature		Month	Day	Year	

**WORLD RESOURCES COMPANY**

ARIZONA RECYCLING FACILITY

*In partnership with the environment***LDRN****LAND DISPOSAL RESTRICTION NOTICE****F006**

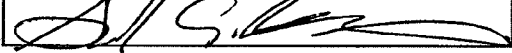
A copy of this Notice must be retained by the Generator for at least three (3) years, pursuant to U.S. EPA Regulation 40 CFR §268.7(a)(8). Moreover, the Generator should check the hazardous-waste regulations of his/her own State, inasmuch as, if there is a State analogue to the federal regulation, it may require a longer retention time, such as five (5) years. It should also be noted that the federal regulation—and, typically, State analogues as well—requires the retention period to be extended further in specified cases.

To:	WORLD RESOURCES COMPANY	8113 West Sherman Street, Tolleson AZ 85353-4025
From:	COMPANY NAME: ALASKAN COPPER WORKS	COMPANY ADDRESS: P. O. Box 3546, SEATTLE, WA 98124-3546

MANIFEST NUMBER: 000369829 JSK DATE OF SHIPMENT: 12-12-07

This shipment of material is subject to the land disposal restrictions of 40 CFR Part 268. The applicable land disposal restriction information, provided in accordance with 40 CFR §268.7(a)(2), is as shown in this table ↓

EPA Material Number	Treatability Group	CFR Reference for Treatment Standards
F006	non-wastewater	40 CFR §268.40

SIGNATURE:  TITLE: ENVIRONMENTAL ASST.
NAME PRINTED: GERALD A. THOMPSON DATE: 12-12-07

Instructions for Completion of this Land Disposal Restriction Notice [LDRN]

This LDRN has been prepared based on a listed material—F006—as the primary designation of the material. This designation is based on information furnished by the Generator of the material. While it is believed to be accurate, it is the Generator's responsibility to determine whether his/her material is restricted from land disposal, and to correctly complete the LDR Notice [as stated in 40 CFR §268.7(a)(2)].

An F006 designation on the LDRN includes the following constituents: cadmium [D006], chromium [D007], lead [D008], silver [D011], cyanide, and nickel. However, the designation does not include arsenic [D004], barium [D005], mercury [D009], or selenium [D010]. If your F006 material contains any of those four constituents not included in the F006 designation, then use the following instructions.

In determining the need for any additional entries on the LDRN for the F006 material, the levels of arsenic, barium, mercury and selenium must be examined to determine if the levels equal or exceed the threshold concentrations of constituents for the Toxicity Characteristic limit as identified in 40 CFR §261.24 (Table 1), as shown in the left-hand column of the table below [as stated in 40 CFR §268.9].

If (after testing or based upon the generator's knowledge of the material) each metal level does not equal the Toxicity Characteristic level shown below, then no additional entry is required on the LDR Notice. If the level is known to be or determined to be equal to or above the limit shown below for any of these metals, then the appropriate information corresponding to that individual metal (in the right-hand column below) must be added to the LDR Notice.

REFERENCE INFORMATION TOXICITY CHARACTERISTIC		APPROPRIATE ENTRY ON LDR NOTICE		
Metal	Concentration Level	EPA Material Number	Treatability Group	CFR Reference for Treatment Standards
ARSENIC	5.0 mg/l	D004	non-wastewater	40 CFR §268.40
BARIUM	100.0 mg/l	D005	non-wastewater	40 CFR §268.40
MERCURY	0.2 mg/l	D009	non-wastewater	40 CFR §268.40
SELENIUM	1.0 mg/l	D010	non-wastewater	40 CFR §268.40

F006 GENERATORS

Material Safety Data Sheet

MSDS ID # AZ-10-C

F006 Recyclable Material (Filter Cake)

Recycler:

World Resources Company

8113 West Sherman Street

Tolleson, Arizona 85353-4025

Tel: 602-233-9166 Fax: 623-936-9164

January 2006 DLS

Call CHEMTREC only in the event of
emergencies during shipping that
involve a spill, leak, fire or accident
(all calls are recorded)

For Emergencies During Shipping in
the US or Canada, Day or Night,

Call: **CHEMTREC 800-424-9300**

Use CHEMTREC Company Code "WORR"

From other countries call: 703-527-3887

Section 1

Material Identification

EPA Waste Classification: F006

Generic Name: Electroplating/Metal-Finishing Wastewater Treatment Sludge

Chemical Family: Metallic (Hydroxide) Precipitates

Synonym: Non-ferrous Metal Hydroxide Filter Cake

DOT Shipping Name: RQ, Hazardous waste solid, n.o.s. (F006)

DOT Hazard Class: 9

DOT Packing Group: III

DOT Identification Number: NA 3077

Guide 171 of the North American Emergency Response Guidebook Applies

Section 2

Hazardous Ingredients

Ingredient:	CAS Number:	Content (%):	OSHA PEL (8hr TWA):	Toxicology (rat, oral):
Copper Hydroxide	20427-59-2	0 - 30	1.0 mg(Cu)/m ³ (Dust)	LD-50 1,000 mg/kg
Nickel Hydroxide	12054-48-7	0 - 15	1.0 mg(Ni)/m ³ (Dust)	LD-50 1,500 mg/kg
Calcium Hydroxide	1305-62-0	0 - 15	15.0 mg/m ³ (Dust)	LD-50 7,340 mg/kg
Diatomite	61790-53-2	0 - 10	6.0 mg/m ³ (Dust)	LD-50 Not Determined

Section 3

Physical and Reactivity Data

Description: Solid, Clay-like, Gray/Green to Brown, Moisture ~ 30 - 80%	Density: 50 - 90 lbs/ft ³	Boiling Point: Above 2,600°C
Specific Gravity: 2.5 to 3.5	Incompatible Reactivity: None Known	Melting Point: Above 1,800°C
Solubility: Insoluble in Water	Vapor Pressure: Insignificant	pH: 7.0 to 10.0 Odor: Nil
	Stability: Avoid Contact with Acids	Polymerization: Will Not Occur

Section 4

Fire and Explosion Data

Flashpoint: Nonflammable	Oxidation: Non-oxidizing
Special Firefighting Procedures: None	Explosive: Non-explosive
Decomposition (Due to Fire or Explosion): None	

NFPA
Fire Diamond

Section 5

Toxicity

Listed Carcinogen Components: Nickel	Toxicology: See Sec. 2	Route of Entry: Inhalation, Ingestion
--------------------------------------	------------------------	---------------------------------------

Section 6

Health Effects and First Aid

Inhalation:	Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.
Ingestion:	Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconscious person) and call a physician.
Eyes:	Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.
Skin:	Dust may irritate skin with prolonged contact. Wash with soap and water.
Comments:	Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and metal-sensitive skin or skin lesions. Unprotected long-term overexposure may cause effects to the following target organs or body systems - blood, digestive, respiratory, liver, kidneys and skin.

Section 7

Precautions for Safe Handling

Handling:	Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment (PPE) be used by personnel who will come in contact with this material. The PPE should include eye protection, respirator and gloves.
Storage:	Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid inhalation or ingestion. Store in a dry area under cover to protect from rain.
Spills:	Use cleaning procedures that avoid creating excessive dust. Vacuum when possible. Package material and ship to consignee or return to World Resources Company at the above address.

Section 8

Control Measures

Respiratory Protection:	NIOSH-MSHA approved respirators as required.	Eye Protection:	Safety glasses recommended.
Other Protective Equipment:	Coveralls are recommended, but not required.	Hand Protection:	Gloves recommended.

Section 9

Generator's Verification

This MSDS describes the material listed in the attached Manifest #: 000869829 JJK

Company Name: ALASKAN COPPER WORKS

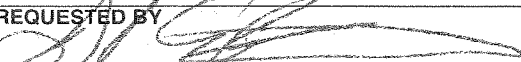
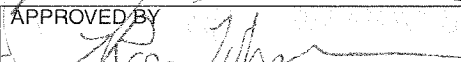
Company Address: P. O. Box 3546, SEATTLE, WA 98124-3546

Telephone: 206-382-8379

Date: 12-12-07

Signature:



REQUESTED BY 	DATE 12-12-07	APPROVED BY 	DATE 12-12-07
<input type="checkbox"/> HERE FOR RETURN OF YELLOW COPY		TO BE FILLED IN BY PURCHASING DEPT.	
PURPOSE OR USE		P.O. NUMBER 1101645	
DELIVERY NEEDED BY		VENDOR	
SHIP TO ADDRESS		CONTACT	TELEPHONE NO.
SUGGESTED VENDOR World Resources Co.		DELIVERY PROMISED	SHIP VIA

[illegible]

DATE _____

APPROVED BY

DATE _____

☒ HERE FOR RETURN OF YELLOW COPY

TO BE FILLED IN BY PURCHASING DEPT.

PURPOSE OR USE

P.O. NUMBER

DELIVERY NEEDED BY

VENDOR

SHIP TO ADDRESS

CONTACT

TELEPHONE
NO.**SUGGESTED
VENDOR**

**DELIVERY
PROMISED**

SHIP VIA

 *** TX REPORT ***

TRANSMISSION OK

TX/RX NO 3659
 CONNECTION TEL 916239368102
 SUB-ADDRESS
 CONNECTION ID
 ST. TIME 12/18 12:12
 USAGE T 01'21
 PGS. 2
 RESULT OK

**WORLD RESOURCES COMPANY**

ARIZONA RECYCLING FACILITY

*In partnership with the environment***LDRN****LAND DISPOSAL RESTRICTION NOTICE****F006**

A copy of this Notice must be retained by the Generator for at least three (3) years, pursuant to U.S. EPA Regulation 40 CFR §268.7(a)(8). Moreover, the Generator should check the hazardous-waste regulations of his/her own State, inasmuch as, if there is a State analogue to the federal regulation, it may require a longer retention time, such as five (5) years. It should also be noted that the federal regulation—and, typically, State analogues as well—requires the retention period to be extended further in specified cases.

To: **WORLD RESOURCES COMPANY** 8113 West Sherman Street, Tolleson AZ 85353-4025
 From: **COMPANY NAME:** ALASKAN COPPER WORKS **COMPANY ADDRESS:** P. O. Box 3548, SEATTLE, WA 98124-3546

MANIFEST NUMBER: 000369829 JSK

DATE OF SHIPMENT: 12-12-07

This shipment of material is subject to the land disposal restrictions of 40 CFR Part 268.
 The applicable land disposal restriction information, provided in accordance with 40 CFR §268.7(a)(2), is as shown in this table ↓

EPA Material Number	Treatability Group	CFR Reference for Treatment Standards
F006	non-wastewater	40 CFR §268.40

SIGNATURE:

TITLE:

ENVIRONMENTAL ASST.

NAME PRINTED:

GERALD A. THOMPSON

DATE:

12-12-07

Instructions for Completion of this Land Disposal Restriction Notice [LDRN]

This LDRN has been prepared based on a listed material—F006—as the primary designation of the material. This designation is based on information furnished by the Generator of the material. While it is believed to be accurate, it is the Generator's responsibility to determine whether his/her material is restricted from land disposal, and to correctly complete the LDR Notice [as stated in 40 CFR §268.7(a)(2)].

An F006 designation on the LDRN includes the following constituents: cadmium [D006], chromium [D007], lead [D008], silver [D011], cyanide, and nickel. However, the designation does not include arsenic [D004], barium [D005], mercury [D009], or selenium [D010]. If your F006 material contains any of those four constituents not included in the F006 designation, then use the following instructions.

In determining the need for any additional entries on the LDRN for the F006 material, the levels of arsenic, barium, mercury and selenium must be examined to determine if the levels equal or exceed the threshold concentrations of